

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: Alexander Lifson

Serial No.: 10/784,409

Filing Date: February 23, 2004

Group Art Unit: 3744

For: Fluid Diode Expansion Device For Heat Pumps

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(e)

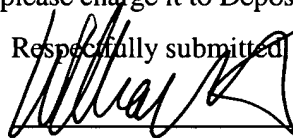
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. Pursuant to Rule 1.98(d) copies need not be provided of the patents listed in the attached Form PTO-1449. None of these references discloses the invention claimed in the subject application. Also enclosed is the Search Report.

Pursuant to 37 C.F.R. 1.97(e)(1), each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement. Applicant respectfully requests the Examiner to consider the enclosed references on PTO-1449 submitted herewith.

This Information Disclosure Statement is being submitted after receipt of the first Office Action. Enclosed is a check in the amount of \$180.00, pursuant to 1.17(p). Should there be a fee associated with this document, please charge it to Deposit Account No. 50-1482.

Respectfully submitted


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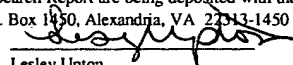
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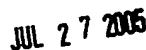
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Dated: 7/25/05

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that the attached Supplemental IDS, Form PTO-1449 and Search Report are being deposited with the U.S. Postal Service as First Class Mailing, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 25, 2005.


Lesley Upton



Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/784,409
Filing Date	February 23, 2004
First Named Inventor	Alexander Lifson
Art Unit	3744
Examiner Name	Mohammad M. Ali
Attorney Docket Number	60.246-251/10751

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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